## **AMENDMENTS TO THE CLAIMS**

Please amend the claims as follows:

Claims 1-3. (cancelled)

4. (currently amended) A sewage grinder pump comprising:

a motor housing;

a pump housing, having an inlet communicated to a first stage volute, a

discharge of the first stage volute communicated through an inter-stage conduit to an

inlet of a second stage volute and a discharge of the second stage volute

communicated to an outlet;

a motor enclosed within the <u>motor</u> housing, the motor having a shaft extending therefrom <u>into the pump housing</u>;

a centrifugal impeller positioned in the first stage volute;

a centrifugal impeller positioned in the second stage volute, each of the centrifugal impellers being a plurality of centrifugal impellers attached to the motor shaft; and

a grinder <u>positioned in the pump housing inlet and</u> attached to the motor shaft, the grinder and the <u>centrifugal plurality of impellers having a common axis of rotation inside the pump housing.</u>

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- 5. **(original)** The sewage grinder pump according to claim 4, wherein the motor shaft extends vertically.
- 6. **(currently amended)** The sewage grinder pump according to claim 4, wherein the <u>first and second stage</u> plurality of centrifugal impellers are positioned <u>along the</u> motor shaft between the motor and the grinder.
- 7. **(currently amended)** The sewage grinder pump according to claim 4, wherein at least one of the <del>plurality of centrifugal impellers</del> is a vortex impeller.

Claims 8-9. (cancelled)

10. (currently amended) The sewage grinder pump according to claim  $\underline{4}$  [[9]], wherein the grinder further comprises a means for throttling inlet flow.

Claims 11-13. (cancelled)

14. **(currently amended)** The sewage grinder pump according to claim 4, further comprising a discharge conduit monolithic with the motor housing <u>and communicated to the pump housing outlet</u>.

- 15. **(currently amended)** The sewage grinder pump according to claim 14, wherein the discharge conduit has an anti-siphon <u>valve</u> integral therewith, the anti-siphon valve <u>comprising having</u> a valve seat and a movable valve <u>element</u>.
- 16. **(currently amended)** The sewage grinder pump according to claim 15, wherein the anti-siphon valve further comprises includes a means for bleeding fluid.
- 17. **(currently amended)** The sewage grinder pump according to claim 15, wherein the anti-siphon valve <u>further comprises</u> includes a stop, the stop being positioned between the movable valve element and the interior of the discharge conduit.
- 18. **(currently amended)** The sewage grinder pump according to claim 15, wherein the movable valve <u>element</u> lies in a plane that is inclined from vertical.
- 19. **(currently amended)** The sewage grinder pump according to claim <u>14</u> [[4]], further comprising:

a an integral discharge flange and check valve attached to the motor housing, the discharge flange in fluid communication with the discharge conduit; and at least one of the centrifugal impellers

a check valve integral with the discharge flange.

- 20. **(original)** The sewage grinder pump according to claim 19, wherein the discharge flange has a lift handle monolithic therewith.
- 21. (currently amended) A method for grinding and pumping sewage comprising: providing the sewage grinder pump of claim 4 a motor having a shaft extending therefrom with a first stage impeller, a second stage impeller and a grinder attached thereto;

operating the motor to rotate the attached impellers and grinder; introducing sewage into the pump housing inlet grinder;

rotating the grinder in the pump housing inlet to grind grinding any solids contained in the sewage in the grinder;

passing the ground sewage from the grinder into the first stage volute impeller;

rotating increasing the pressure of the sewage by rotation of the first stage impeller to increase the pressure of the ground sewage;

passing the ground and pressurized sewage from the first stage volute impeller into the second stage volute impeller;

rotating increasing the pressure of the sewage further by rotation of the second stage impeller to further increase the pressure of the ground and pressurized sewage; and

discharging the <u>ground and twice-pressurized</u> sewage <u>through the pump housing</u> outlet into a sewer system.

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- 22. **(currently amended)** The method according to claim 21, wherein the step of discharging the ground and twice-pressurized sewage comprises discharging the ground and twice-pressurized sewage through a discharge conduit that is monolithic with the motor [[a]] housing surrounding the motor.
- 23. **(currently amended)** The method according to claim 22, further comprising the step of relieving vacuum within the discharge conduit through an anti-siphon valve that is integral with the discharge conduit.
- 24. **(currently amended)** The method according to claim 22, wherein the step of discharging the ground and twice-pressurized sewage includes preventing back flow into the discharge conduit with a check valve that is integral with a discharge flange attached to the discharge conduit.
- 25. **(currently amended)** The method according to claim 21, wherein the step of providing the sewage grinder pump a motor comprises providing a motor of about 2 horsepower and the step of operating the motor comprises rotating the motor and attached impellers to produce at least about 200 feet head at zero flow and at least about 30 gallons per minute maximum flow.

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26. **(currently amended)** The method according to claim 21, wherein the step of providing the sewage grinder pump a motor comprises attaching the second stage impeller to the shaft proximate the motor, attaching the first stage impeller to the shaft proximate the second stage impeller, and attaching the grinder to the shaft proximate the first stage impeller.

Claims 27-53. (cancelled)